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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/509,572	09/29/2004	Takayuki Kimoto	2004_1532A	9558
513	7590	03/18/2008	EXAMINER	
WENDEROTH, LIND & PONACK, L.L.P.			DESIR, JEAN WICEL	
2033 K STREET N. W.				
SUITE 800			ART UNIT	PAPER NUMBER
WASHINGTON, DC 20006-1021			2622	
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			03/18/2008	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/509,572	KIMOTO, TAKAYUKI	
	Examiner	Art Unit	
	Jean W. Désir	2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 9/29/04 (Pre-Amendment).

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-14 is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1-10 is/are rejected.

7) Claim(s) 11-14 is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on _____ is/are: a) accepted or b) objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All b) Some * c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	4) <input type="checkbox"/> Interview Summary (PTO-413)
2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	Paper No(s)/Mail Date. _____ .
3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)	5) <input type="checkbox"/> Notice of Informal Patent Application
Paper No(s)/Mail Date _____ .	6) <input type="checkbox"/> Other: _____ .

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

2. Claims 1-10 are rejected under 35 U.S.C. 102(a) as being anticipated by the Applicant Admitted Prior Art Figs. 10, 11 discussed in the background of the instant application.

Claim 1:

the claimed “pixel level difference detection means for detecting a pixel level difference between the input interlaced signal and a 1-field delay input interlaced signal obtained by delaying the input interlaced signal by one field” is disclosed, see Figs 10, 11 items 6, 2, 81;

the claimed “field correlation detection means for detecting correlation between the input interlaced signal and the 1-field delay input interlaced signal based on the pixel level difference, and outputting inter-field correlation determination signals” is disclosed, see Figs. 10, 11 items 2, 6, 81-84;

the claimed “inter-field correlation storage means for storing N-1 inter-field correlation determination signals corresponding to N sequential fields of the input

interlaced signal”, is disclosed, see page 8 line 16 to page 9 line 6, Fig. 11 items 84, 85, 86, 189;

the claimed “field/frame correlation determination means for determining, based on a pattern of values of the N-1 inter-field correlation determination signals, whether the N sequential fields are either 2-2 or 2-3 pulldown-converted”, is disclosed, see page 9 lines 11-22, page 2 line 20 to page 3 line 3;

the claimed “and interpolation method determination means for determining, as an interpolation method, inter-field interpolation if the fields are determined to have been either 2-2 or 2-3 pulldown-converted, or intra-field interpolation if the fields are determined to have been neither 2-2 nor 2-3 pulldown-converted”, is disclosed, see page 3 lines 14-18, page 2 line 20 to page 3 line 3.

Claim 2 is disclosed, see Figs. 10, 11 items 108, 189, 92, 93.

Claims 3, 4 are inherent to the disclosure of the Admitted Prior Art.

Claim 5 is disclosed, see Figs. 10, 11 items 108, 189, 190, 92, 93.

Claims 6, 7 are disclosed, see page 3 lines 14-18, page 2 line 20 to page 3 line 3, page 1 line 19 to page 2 line 5.

Claims 8, 9 are disclosed, see page 9 lines 7-22, page 2 line 20 to page 3 line 3.

Claim 10 is disclosed, see Figs. 10, 11 items 2, 6, 108, 81-84.

Allowable Subject Matter

3. Claims 11-14 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jean W. Désir whose telephone number is (571) 272 7344. The examiner can normally be reached on 5/4/9 - First Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L. Ometz can be reached on (571) 272 7593. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/David L. Ometz/

Supervisory Patent Examiner, Art Unit 2622

JWD
3-8-08